Mamiya **DM33** System

mamiya

Overview

Mamiya DM Systems are digital solutions for photographers who take their art seriously and passionately. They have been manufactured to cater for photographers who want to take pro-level digital images with a professional feel that only a medium format system can provide. The Mamiya DM Systems boast 35mm handling and speed, fully customizable settings and top quality photographic results. Images are shot in 16 bit RAW files with high resolution, exceptional color accuracy and exquisite detail, of which not a single megapixel is squandered on premium quality 33, 28 and 22 megapixel sensors.

A comprehensive range of 16 precision lenses are available for the Mamiya DM System user, all constructed drawing on over 60 years of experience and innovation. For demanding daylight situations, there are three leaf shutter lenses, developed in collaboration with renowned optical company Schneider Kreuznach. For other photographic genres, there are lenses suited for landscapes, portraiture, fashion, architecture, commercial and macro. With a Mamiya DM System, you are instantly elevated to master status.

Mamiya DM System Camera body specifications

- Handling speed and ease to rival a 35mm SLR
- Digital controls and LCD displays
- 19 custom settings for fully personalized digital photography
- Selectable dual shutter system
- Durable, ergonomical and secure design

Mamiya DM System Camera	
Camera Type	Mamiya 645DF: 6x4.5cm format AF single lens reflex
Image size	56x41.5mm (actual image)
Field of view	Approx. 94% (percentage of total image viewed)
Focusing screen	Interchangeable (choice of matte/ checker/ M6 45 lens use) Pre-installed with Type A
Exposure modes	Aperture priority AE/ shutter speed priority AE/ programmed AE/ manual/ electronically controlled bulb and time
Auto focusing system	TTL phase difference detection device (I+I shaped CCD line sensor)
Shutter	Dual function: focal plane shutter or leaf shutter operation with Mamiya LS lenses
Metering mode	TTL full aperture metering (choice of center-weighted average/ spot/ A-S auto)
Self-timer	Selectable from 0.5 sec. to 60 min.
Flash synchronization	X contact and TTL flash. Sync. speeds of up to 1/125 sec. with focal plane shutter or up to 1/1,600 sec. with Mamiya LS lenses
Remote control terminal	Electronic cable release on camera body
Mirror-up shooting	Possible using drive dial mode
Tripod Socket	U 1/4 inch and U 3/8 inch
Power requirements	6 AA size batteries (alkaline-magnesium/ lithium/ nickel-hydride/nickel-cadmium)
Dimensions (WxHxD)	153x128x152mm
Weight	1,030g (body only)

Mamiya **DM33** System Digital back specifications

- Mega Sensor detail with high megapixel counts
- 16 bit/ channel color palette for outstanding color accuracy
- Rapid capture rate for successive shooting Intuitive and user friendly controls and functions
- Capture One software compatibility for post-capture development

Mamiya DM33 System digital back	
CCD size (mm)	48 x 36
Number of pixels	6726 x 5040
Resolution	33MP
Capture rate (sec/frame)	1.1
File size (MOS)	67MB
MOS lossless compression	47MB
TIFF 16 bit	190MB
8 bit RGB	102MB
8 bit CMYK	136MB
ISO sensitivity	50-800
LCD screen (touchscreen with stylos)	
Size	6 x 7 (cm)
Image viewing	Up to 20 images on LCD screen with 1.1 zoom
Viewing tools	Histogram/ spot meter (f-stop)/ average exposure meter/ exposure alarms
Languages	English/ German/ French/ Spanish/ Italian/ Japanese/ Chinese
Properties	
Operation conditions	Temperature 0-40º/ Humidity 15%-80% RH (non-condensing)
Portable power supply	1x lithium ion battery 2350Ah power
Image storage	CF card (portable mode) FireWire 800 (tethered mode)
Optional camera interfaces	Mamiya Pro II/ Mamiya Pro IID/ 4x5 Graflock
Dimensions (WxHxD)	95 x 82 x 59 (mm)
Weight	600g

To learn more:
www.mamiya.com

Contact **Mamiya** at E-mail us at info@mamiya.com
or contact your local Mamiya dealer.

mamiya

©Mamiya Digital Imaging Co., Ltd., 2010. Mamiya is a trademark of Mamiya Digital Imaging Co., Ltd. Subject to technical change without notice.